

Gibraltar, hurricane. 12th, Gulf of Lyons, France, furious gale; 13th, $46^{\circ} 30' N.$, $41^{\circ} W.$, h'vy W. gale; $48^{\circ} 08' N.$, $25^{\circ} 40' W.$, to $46^{\circ} 50' N.$, $32^{\circ} 55' W.$, h'vy WSW. to NNW. gale, with squalls of hurricane force, lasting until 17th. 14th, near $36^{\circ} 36' N.$, $38^{\circ} 09' W.$, hurricane. 16th, $47^{\circ} 47' N.$, $35^{\circ} 05' W.$, h'vy W., h'vy NW. to SW. storm, with furious squalls and tremendous sea. 17th and 18th, $49^{\circ} 08' N.$, $22^{\circ} 02' W.$, to $49^{\circ} 50' N.$, $26^{\circ} 31' W.$, strong W. gale and high sea. 24th, $45^{\circ} 40' N.$, $45^{\circ} 30' W.$, h'vy NW. gale. 25th, long, $66^{\circ} W.$, from Havre to New York, violent NW. gale. 26th, $41^{\circ} 40' N.$, $60^{\circ} W.$, h'vy NW. gale and high sea with snow.

TEMPERATURE OF THE AIR.

The isothermal curves and figures upon chart No. II illustrate the general distribution of the temperature of the air for the present month. A reference to the table in the lower left-hand corner of the same chart will show that the average is above that for years along the Pacific coast; it is below for all the other districts, especially the Lower Lake region, Middle Atlantic States and St. Lawrence valley. This low average temperature is due to the fact that, while the weather was extremely cold at the beginning of the month, the high pressure-areas, as they passed eastward, covered the entire country, and the low pressure-areas moved well to the southward. The latter part of the month the pressure continued high in the Southern States, and the low pressure-areas crossed the northern portion of the country, especially the Lake region, producing warm, southerly winds and the mild weather which was generally experienced. At Cloverdale, Cal., the freeze of the 13th only injured the tops of the most delicate plants. During the first days of the month large numbers of fish were frozen to death at Milton, Fla.

Maximum and minimum temperatures, respectively, for the month, are given, viz: In Maine, Oreno, 40° , -32° ; Cornish, 46° , -11° ; N. H., Mt. Washington, 28° , -36° ; Contoocookville, 47° , -23° ; Vt., Woodstock, 46° , -27° ; Burlington, 43° , -16° ; Mass., Billerica, 44° , -15° ; Boston, 50° , 2° ; R. I., Chepachet, 48° , 4° ; Newport, 44° , 7° ; Conn., Colebrook, 46° , -6° ; New Haven, 48° , 4° ; N. Y., Malone, 48° , -25° ; Hudson, 56° , -5° ; N. J., Salem, 54° , -4° ; Atco, 55° , 3° ; Penn., Tioga, 46° , -20° ; Brownsville, 57° , 2° ; Del., Milford, 60° , -4° ; Dover, 58° , 0° ; Md., Woodstock, 53° , -10° ; Fort McHenry, 65° , -3° ; D. C., Washington, 61° , -3° ; Va., Snowville, 63° , -8° ; Norfolk, 73° , 16° ; W. Va., Salem, 60° , -8° ; Weston, 60° , -2° ; Ohio, Westerville, 50° , -24° ; Kenton, 65° , -21° ; Ind., Laconia, 66° , -21° ; Spiceland, 56° , -22° ; Ill., Riley, 44° , -21° ; Anna, 72° , 0° ; Mich., Alpena, 49° , -14° ; Lansing, 50° , -6° ; Wis., Neillsville, 44° , -27° ; Embarrass, 51° , -17° ; Minn., Fort Ripley, 44° , -41 ; Duluth, 51° , -27° ; Iowa, Independence, 49° , -28° ; Keokuk, 58° , -9° ; Mo., Corning, 68° , -18° ; Wet. Glaz., 67° , -11° ; Neb., De Soto, 56° , -22° ; Omaha, 59° , -16° ; Kan., Council Grove, 60° , -14° ; Sedgewick, 64° , -4° ; Ky., Nicholasville, 62° , -12° ; Louisville, 66° , -9° ; Tenn., Austin, 64° , -20° ; Memphis, 68° , 6° ; Ark., Mt. Ida, 68° , 1° ; Monticello, 71° , 10° ; N. C., Murphy, 62° , -16° ; Weldon, 75° , 6° ; S. C., Spartanburg, 64° , 0° ; Aiken, 75° , 17° ; Ga., Atlanta, 72° , 4° ; St. Marys, 84° , 26° ; Fla., Milton, 75° , 20° ; Key West, 90° , 50° ; Ala., Carlowville, 74° , 18° ; Montgomery, 74° , 16° ; Miss., Vicksburg, 73° , 16° ; Brookhaven, 76° , 26° ; La., Baton Rouge, 78° , 18° ; Lake Charles, 78° , 23° ; Tex., Mesquite, 73° , 8° ; Fort McKavett, 80° , 14° ; Ind. Ty., Fort Gibson, 70° , 0° ; Fort Sill, 64° , 14° ; N. M., Fort Union, 67° , 0° ; Santa Fe, 53° , 6° ; Col., Fort Lyon, 45° , -19° ; South Pueblo, 62° , -9° ; Wy. Ty., Fort Sanders, 43° , -22° ; Cheyenne, 50° , -14° ; Dak. Ty., Pembina, 40° , -53 ; Yankton, 51° , -19° ; Utah, Coalville, 50° , -30° ; Salt Lake City, 50° , 3° ; Nev., Camp McDermit, 48° , 0° ; Carson City, 65° , 1° ; Cal., Salinas City, 77° , 21° ; El Monte, 86° , 34° ; Or., Portland, 58° , 27° .

Ice.—At Decatur, Ala., Tennessee river frozen over 2nd to 4th, ice 2 in. thick, navigation suspended three days. Albemarle, N. C., on Pedee river, in eddies, 4 in. thick, 15th; Lenoir, ponds and streams were frozen 3 to 8 in. Snowville, Va., 18 in. thick, (unheard of before.) Salem, N. J., creek remains firm 31st; has been 15 to 18 in. thick. Philadelphia, Pa., on the Schuylkill, reported 34 in. thick 25th. Wappinger's Falls, N. Y., pond ice reported 30 in. thick 6th, and 36 in. 31st; Malone, pond ice 30 in. thick 13th. Morgantown, W. Va., 8 to 15 in. thick 13th. Wooster, O., 24 in. thick. Afton, Ia., pond ice 14 in. thick 25th; Keokuk, river ice 20 to 30 in. 13th; Independence, river ice 21 in. Leavenworth, Kan., 15 in. thick 8th. Omaha, Neb., 24 in. thick 31st; Plattsburgh, 24 to 30 in. thick 13th. La Crosse, Wis., river ice 18 in. thick 31st. Breckenridge, Minn., on Red River of the North, 40 in. thick, and on the Bois des Sioux 43 in. 31st.

Frost in the ground.—It has been reported as frozen to a depth of 5 inches at Brookhaven, Miss., on the 1st; Alta Vista, Va., 7 in., 6th; Danville, Ky., 1 ft., 9th; College Hill, (near Cincinnati,) O., $3\frac{1}{2}$ ft., 13th; Freehold, N. J., 14 in., 29th; Breckenridge, 6 ft. 4 in., 30th; Dover, Del., 30 in., at close of month; Tabor, Ia., 4 ft.; Independence, Ia., 18 in.; Creswell, Ks., 1 ft.; Sedgewick, Ks., 10 in.; Fallston, Md., 7 in.; Somerset, Mass., 14 in.; Wooster, O., 1 ft.; North Lewisburg, O., 16 in. Owing to the heavy covering of snow the frost had penetrated the ground only to a depth of 8 inches at Ardenia, N. Y.; at Westboro, Mass., the ground under the snow was reported free of frost.